

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/07/2025 Time : 08:10 Temp : 123 °C

Matrix : SOIL

End Digest Date: 11/07/2025 Time : 09:40 Temp : 126 °C

Pipette ID : WC

11/07/2025 10:15 124.2  
11/07/2025 11:45 127.2

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: *[Signature]*

Weigh By : JP

pH Meter ID : N/A

Supervisor Signature: *[Signature]*

| Standard Name     | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LCSS              | 1.0ML    | WP113838            |
| MS/MSD SPIKE SOL. | 0.40ML   | WP113837            |
| PBS003            | 50.0ML   | W3112               |
| MDL               | 2.0ML    | WP115533            |
| MDL               | 1.25ML   | WP115533            |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| 0.25N NaOH    | 50.0ML         | WP113836   |
| 50% v/v H2SO4 | 5.0ML          | WP115334   |
| 51% w/v MgCL2 | 2.0ML          | WP115335   |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment  |
|---------------|------------------|---------------|----------|
| S0            | S0               | N/A           | N/A      |
| S5.0          | S5.0             | N/A           | N/A      |
| S10.0         | S10.0            | N/A           | N/A      |
| S100.0        | S100.0           | N/A           | N/A      |
| S250.0        | S250.0           | N/A           | N/A      |
| S500.0        | S500.0           | N/A           | N/A      |
| ICV           | ICV              | 0.5ML         | W3012    |
| ICB           | ICB              | N/A           | N/A      |
| CCV           | CCV              | N/A           | N/A      |
| CCB           | CCB              | N/A           | N/A      |
| Midrange      | Midrange         | N/A           | N/A      |
| HIGHSTD       | HIGHSTD          | 5.0ML         | WP113837 |
| LOWSTD        | LOWSTD           | 0.1ML         | WP113837 |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time      | Prepped Sample Relinquished By/Location | Received By/Location |
|------------------|-----------------------------------------|----------------------|
| 11/07/2025 11:55 | <i>[Signature]</i>                      | RM CWC               |
|                  | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID     | Initial Weight (g) | Final Vol (ml) | pH  | Sulfide | Oxidizing | Nitrate/ Nitrite | Comment | Prep Pos |
|---------------|----------------------|--------------------|----------------|-----|---------|-----------|------------------|---------|----------|
| PB170440BL    | PBS440               | 1.00               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| PB170440BS    | LCS440               | 1.00               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3530-03      | MDL-SOIL-03-QT4-2025 | 1.00               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3546-01      | TP-COMP              | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3546-01DUP   | TP-COMPDUP           | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3546-01MS    | TP-COMPMS            | 1.02               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3546-01MSD   | TP-COMPMSD           | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3562-01      | EO-03-110625         | 1.02               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |
| Q3564-01      | OR-03-11062025       | 1.01               | 50             | N/A | N/A     | N/A       | N/A              | N/A     | N/A      |